State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Fish Distribution Database

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STATE OF ALASKA
FISH & GAME

Region: Interior

USGS Quad(s): Gulkana C-3

Fish Distribution Database Number of Waterway: 212-20-10080-2461-3080

Name of Waterway: Sourdough Creek ☑ USGS Name ☐ Local Name

☑ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination # 05-132

Revision Year: 2007

Revision to: Atlas ____ Catalog ____ Both X

Revision Code: A-1

ADF&G Fisheries Scientist		11/6/06 Date
ADNR OHMP Operations Mgr.		11/6/06 Date
FDD Project Biologist		11/21/05 Date
Cartographer	2 drone	2/2/06 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Chinook	7/9/2005		2		☑
Arctic grayling	7/9/2005		1		☐
					☐
					☐
					☐

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments:
See attached field notes and photos for Site 5. Extend stream w/ KR

Name of Observer (please print): Laura L. Jacobs
Signature: [signature]
Date: 11/2/05
Agency: ADNR Office of Habitat Management and Permitting
Address: 1300 College Rd.
Fairbanks, AK 99701

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Fish Distribution Database.

Signature of Area Biologist: [signature] Date: 11/21/05
Name of Area Biologist (please print):

Revision 02/05

05-132 ext. Sourdough Cr. 212-20-10080-2461-3080 King rezring

Fish Inventory Form

Date: 7-8-05	Waterbody Name: Sourdough Cr. (Upper)	Investigators: EW, LJ, TT, MS, LS
Time (24 clock): 1447		
GPS Latitude(decimel): N 62.56376	GPS Longitude(decimel): W 145.46509	Elevation(ft): 2052

MAP number, location, description: Gulkzuz C-3

POINT NAME: Site #5

Field Conditions/Water Quality

Air Temp:	16°C	pH:	6.54	Turbidity:	2.07	Water Color:	FER
Water Temp:	14°C	D/O:	8.35 mg/l	Conductivity:	.087	Water Stage:	3

Gear Type

Minnow Trap	X =	quantity			
BP Shocker	=	Voltage	Frequency(Hz)	Wave Form	Efish Time
Seine	=	Seine Lgth	Pull Distance		
Other					

Trap Details

TRAP start	Date: 7-8-05	*TRAP end*	Date: 7/9/05		
	Time: 1500		Time: 1076		
Trap #	1	Trap #	2	Trap #	3
Hab. Type:	Run	Hab. Type:	~~Run~~ pool	Hab. Type:	Run
Dom. Substrate:	gravel	Dom. Substrate:	gravel	Dom. Substrate:	gravel
Photo #		Photo #		Photo #	

Aquatic Habitat Type (Pool,Run,Riffle) *Substrate (Bedrock, Boulder, Cobble, Gravel, Sand, Silt/Clay, Organic)*

Water Color
- CLR- clear
- FER-stained, iron/orange
- GHT-glacial,high turbidity
- GLT-glacial,low turbidity
- HUM-brown-water
- MUD-muddy

Water Stage
- 1-extreme low water
- 2-well below high water
- 3-slightly below high water
- 4-at or above high water
- 5-extreme flood stage

Comments:

Bankfull width = 25 ft
Riparian width = endless
E-channel
lots of woody debris, almost closed canopy w/ alder

05-132

Fisheries Data

Species	FL (mm)	Wt (g)	Life Stage	Count	Comments
SCK	83				Trap 1
SCK	74				Trap 1
Gray	60				Trap 3

Total chinook 2
Arctic grayling 1

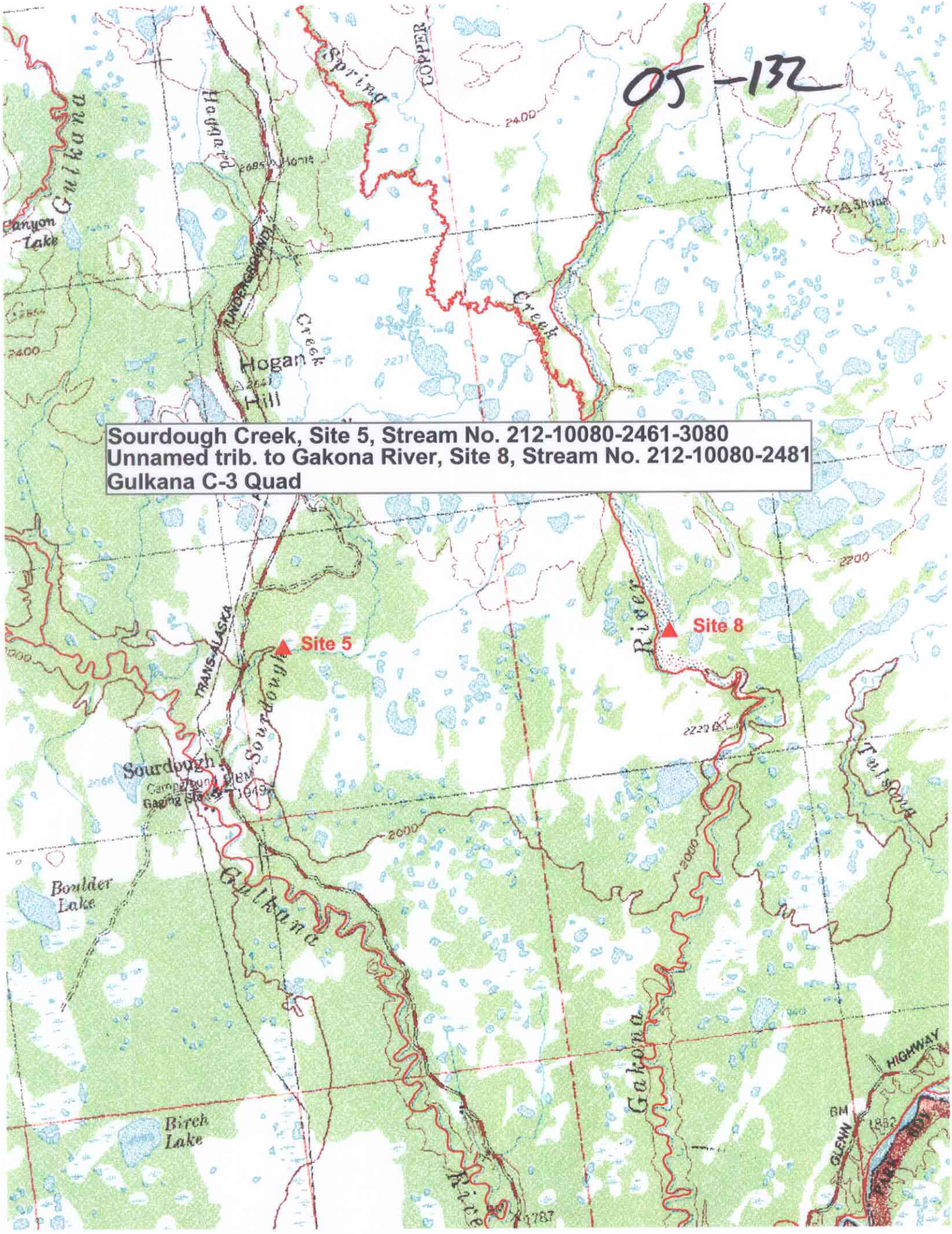
Species Codes	Life Stage Codes
SCM = chum	JUV = juvneile
SCO = coho	ADT = adult
SCK = chinook	ASP = adult spawn
CDV = dolly varden	
GRA = grayling	
USL = slimy sculpin	
WSF = sheefish	
WRW = round whitefish	
WBW = broad whitefish	
WHW = humpback whitefish	
WLC = least cisco	
PNP = northern pike	
BBB = burbot	
ABF = Alaska blackfish	

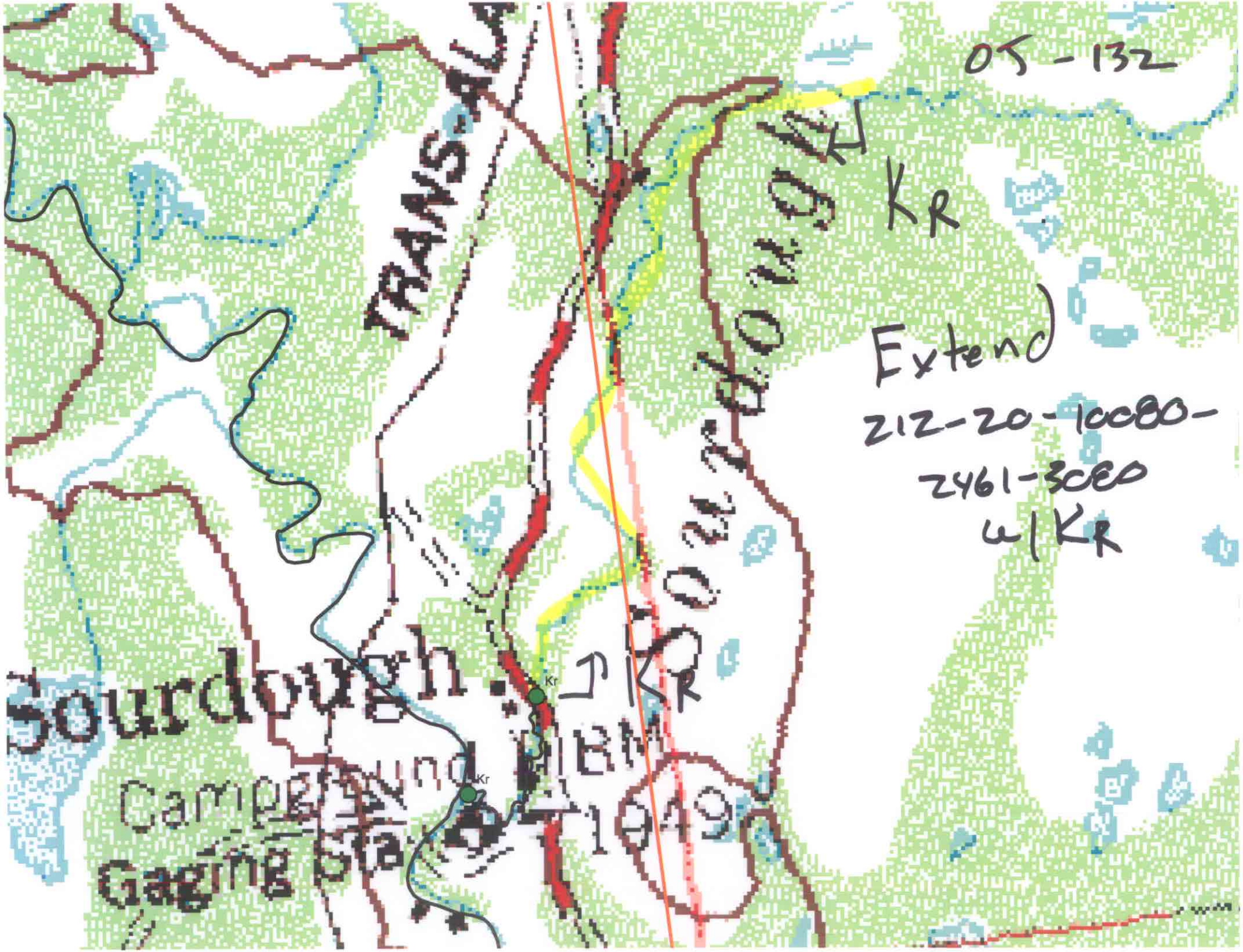
FIELD EXEMPT/COMPLETE IN OFFICE

Entered by:
Date Entered:
Project No:
ARIMS Site No:
ARIMS Reach No:
ARIMS LLID:
Comments:

Sourdough Creek, Site 5 looking downstream (Gulkana C-3).

Sourdough Creek, Site 5 looking upstream (Gulkana C-3).


05-132
Sourdough Creek, Site 5, Stream No. 212-10080-2461-3080
Unnamed trib. to Gakona River, Site 8, Stream No. 212-10080-2481
Gulkana C-3 Quad
Site 5
Site 8
Gulkana
Spring
COPPER
Creek
Hogan
Hill
Canyon
Lake
Sourdough
Sourdough
Campground
Gaging Sta
TRANS-ALASKA
Boulder
Lake
Birch
Lake
Gakona
River
Tulsona
HIGHWAY
GLENN
2400
2200
2000



05-132
TRANS-ALA
Sourdough
KR
Extend
212-20-10080-
2461-3080
w/KR
Sourdough
Kr
KR
Kr
Campground
Gaging Sta
1949